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CLAIMS

What is claimed is:

1 1. A method of supporting development of a phone application code for a computer

2 based phone application platform having a network interface and a telephone interface, the

method comprising:

receiving over the network interface from a remote computer the phone application code;

associating the phone application code with a telephone number for communicating with the telephone interface; and

responsive to receiving a telephone call via the telephone number, executing the phone application code and presenting an audio output over the telephone interface and presenting a call flow to the remote computer over the network interface.

- 1 2. The method of claim 1/wherein the call flow shows the flow of program control in the 2 phone application code during the telephone call.
- 1 3. The method of claim 1, wherein the call flow includes information for debugging the 2 phone application code.
- 1 4. The method of claim 1, wherein the call flow concurrent with execution of phone 2 application code on the computer based phone application platform.
- 1 5. The method of claim 1, wherein the receiving comprises receiving an HTTP request 2 including form data, the form data comprising the phone application code.

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1	6. The	method of claim 1, wh	nerein the computer based	phone application platform
2	operated by	a first legal entity and	wherein the remote comp	uter operated by a second legal
3	entity differe	ent from the first legal	entity.	
1	7. A me	ethod of supporting de	velopment of a phone app	lication code for a computer
2	based phone	application platform l	having a network interface	and a telephone interface, the
3	method com	prising:		
4	recei	ving over the network	interface from a remote co	omputer the phone application
5	C	ode;		
6	assoc	iating the phone appli	cation code with a telepho	one number for communicating
7	W	ith the telephone inter	rface; and	
8	respo	nsive to receiving a te	elephone call via the teleph	none number, executing the phone
9	a	pplication code and pr	esenting an audio output o	over the telephone interface.
1	8. The r	nethod of claim 7 wh	erein the executing further	comprises presenting a call flow
2	to the remote	e computer over the ne	etwork interface.	
1	9. The r	nethod of claim 7, wh	erein the remote computer	does not include specialized
2	phone applic	cation development so	ftware.	
1	10. A me	thod of supporting de	velopment of a phone app	lication code for a computer
2	based phone	application platform l	naving a network interface	and a telephone interface, the
3	method com	prising:	·	
4	receiv	ving over the network	interface from a remote co	omputer a reference to the phone
5	aj	pplication code;		
6	assoc	iating the phone appli	cation code with a telepho	ne number for communicating
7	with the telephone interface using the reference; and			
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8	responsive to receiving a telephone call via the telephone number, executing the phone			
9	application code and presenting an audio output over the telephone interface and			
10	presenting a call flow to the remote computer over the network interface.			
1	11. The method of claim 10, wherein the reference comprises a uniform resource locator			
2	(URI).			
1	12. The method of claim 10, wherein the executing further comprises retrieving the phone			
2	application code from the reference over the network interface.			
1	13. The method of claim 10, wherein the call flow concurrent with execution of phone			
2	application code on the computer based phone application platform.			
1	14. The method of claim 10 wherein the computer based phone application platform			
2	operated by a first legal entity and wherein the remote computer operated by a second legal			
3	entity different from the first legal entity.			
1	15. A method of supporting remotely hosted phone application development for a phone			
2	application platform using a first computer system, the first computer system supporting a			
3	web interface, the method comprising:			
4	receiving over the web interface a uniform resource identifier (URI) from a second			
5	computer system, the URI corresponding to the location of a phone application;			
6	responsive to the receiving the URI, sending a first message to the phone application			
7	platform using the first computer system, the first message corresponding to a			
8	request to make the phone application located at the URI available on the phone			
9	application platform at a telephone number; and			
10	upon receiving a request from the second computer system on the first computer			
11	system, presenting to the second computer a debugging information generated by			
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- calls to the telephone number for the phone application on the phone application platform.
- 1 16. The method of claim 15, further comprising sending a second message to the second
- 2 computer system, the second message indicating the telephone number for accessing the
- 3 phone application on the phone application platform;
- 1 17. The method of claim 15, wherein the presenting updated with execution of the phone
- 2 application on the phone application platform.
- 1 18. The method of claim 15/wherein the presenting provides the debugging information
- 2 in an extensible markup language (XML).
- 1 19. The method of claim/15, wherein the presenting capable of selecting the debugging
- 2 information for a particular ongoing execution of the phone application on the phone
- 3 application platform.
- 1 20. The method of claim 15, wherein the presenting capable of selecting the debugging
- 2 information for all on going executions of the phone application on the phone application
- 3 platform.
- 1 21. The method of claim 15, further comprising a web interface for controlling debugging
- 2 output by the phone application platform for the phone application.
- 1 22. The method of claim 21, wherein the controlling debugging output comprises
- 2 selecting one or more or debugging output from phone application states, phone application
- 3 events, phone application field fills, phone application variables, and custom debugging
- 4 messages.

1	23.	The method of claim 15, wherein the debugging information in the XML comprises a		
2	hypertext markup language with color coded messages, and wherein different colors are used			
3	for diff	erent types of messages.		
1	24.	The method of claim 15, wherein responsive to the sending the first message, the		
2	phone a	application platform configured to retrieve and execute the phone application at the		
3	URI res	sponsive to a call to the elephone number.		
1	25.	The method of claim 2, wherein the phone application platform configured to execute		
2	the pho	ne application responsive to receipt of an identifier at start of a call to the telephone		
3	number	•		
1	26.	The method of claim 24, wherein the phone application provided by a developer		
2	having	a corresponding identifier, and wherein the phone application platform configured to		
3	execute	the phone application responsive to receipt of the identifier at start of a call to the		
4	telepho	ne number.		
1	27.	The method of claim 15, wherein the phone application comprises an application		
2	written	in an XML-based voice application language.		
1	28.	An apparatus for developing a phone application code, the apparatus comprising:		
2		a network interface for receiving a reference to the phone application code;		
3	,	a telephone interface to send and receive audio signals to and from the telephone; and		
4		a control subsystem to control the Internet interface and the telephone interface, the		
5		control subsystem including at least one program for		
6		receiving over the network interface from a remote computer a reference to the		
7		phone application code;		
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8	associating the phone application code with a telephone number for
9	communicating with the telephone interface using the reference, and
10	responsive to receiving a telephone call via the telephone number, executing the
11	phone application code and presenting an audio output over the telephone
12	interface and presenting a call flow to the remote computer over the network
13	interface.
1	29. An apparatus for remotely hosted phone application development, the apparatus
2	comprising:
3	means for receiving over a web interface a uniform resource identifier (URI) from a
4	computer system, the URI corresponding to the location of a phone application;
5	means for sending a first message to a phone application platform responsive to the
6	receiving the URI,, the first message corresponding to a request to make the phone
7	application located at the URI available on the phone application platform at a
8	telephone number; and
9	means for presenting to the second computer a call flow information generated by
10	calls to the telephone number for the phone application on the phone application
11	platform upon receiving a request from the computer system.